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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/677,061	09/29/2000	James J. Delmonico	1	1686

22046 7590 02/20/2004

LUCENT TECHNOLOGIES INC.
DOCKET ADMINISTRATOR
101 CRAWFORDS CORNER ROAD - ROOM 3J-219
HOLMDEL, NJ 07733

EXAMINER

LEE, CHRISTOPHER E

ART UNIT	PAPER NUMBER
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2112

8

DATE MAILED: 02/20/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary

Application No.

09/677,061

Applicant(s)

DELMONICO, JAMES J.

Examiner

Christopher E. Lee

Art Unit

2112

All participants (applicant, applicant's representative, PTO personnel):

(1) Christopher E. Lee (USPTO).

(3) James Milton (Reg. No. 46,935).

(2) Glenn Auve (USPTO).

(4) _____.

Date of Interview: 19 February 2004.

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: _____.

Claim(s) discussed: 28, 29 and 34.

Identification of prior art discussed: Barenys et al. [US 6,145,036 A], Khosrowpour [US 6,202,115 B1] and Marshall et al. [US 6,065,135 A].

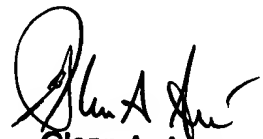
Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.


(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Glenn A. Auve
Primary Patent Examiner
Technology Center 2100


Glenn A. Auve
Primary Patent Examiner
Technology Center 2100

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.


Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.

All business with the Patent and Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Discussed the Applicant's invention. And, the representative of the Applicant, Mr. James Milton, proposed an amended claims 28-32, 34 and 35, then the Examiner and the Applicant's representative exchanged their opinion about its patentability based on the prior art of record. The Applicant's representative stated the Applicant will file RCE for the next stage of the prosecution, and the Examiner expects to receive the RCE amendment.

NOTE!
ADDITIONAL Reference ADDED

PTOL-413A (08-03)
Approved for use through 07/31/2008, OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Applicant Initiated Interview Request Form

Application No.: 09/677061 First Named Applicant: JAMES J. DeLmonico
Examiner: CHRISTOPHER LEE Art Unit: 2189 Status of Application: FINAL

Tentative Participants:

(1) JAMES MILTON, ATTY. (2) CHRISTOPHER E. LEE

(3) _____

(4) _____

Proposed Date of Interview: 2-19-04

Proposed Time: 10:00 (AM/PM)

Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>Rej.</u>	<u>28</u>	<u>U.S. 6202115</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) <u>Rej.</u>	<u>28</u>	<u>U.S. 6145036</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) <u>Rej.</u>	<u>29</u>	<u>U.S. 6065135</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

Brief Description of Arguments to be Presented:

I WOULD LIKE TO DISCUSS THE CITED PRIOR ART
AND A PROPOSED AMENDMENT TO CLAIM 28.

An interview was conducted on the above-identified application on _____.

NOTE:

This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

James Milton
(Applicant/Applicant's Representative Signature)

(Examiner/SPE Signature)

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.134. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Lucent Technologies
Bell Labs Innovations



February 16, 2004

Mr. Christopher E. Lee
Patent and Trademark Office
P. O. Box 1450
Alexandria, VA 22313-1450

Subject: **Serial No.:** 09/677,601

Expansion Bridge Apparatus And Method For An I²C Bus

Dear Mr. Lee:

Thank you for agreeing to have a telephone interview with me on Thursday, February 19, 2004, at 10:00 A.M. Attached are draft claims for the Delmonico application. I would like to discuss these draft claims with you during our discussion. Thanks.

Regards,

James Milton
Corporate Counsel
Intellectual Property Law Division
Lucent Technologies, Inc.
+1 732 949 7365
jmilton@lucent.com

Serial No. 09/677,061

IN THE CLAIMS

Please make the following claim substitutions:

- 1 1. (Canceled)
- 1 2. (Canceled)
- 1 3. (Canceled)
- 1 4. (Canceled)
- 1 5. (Canceled)
- 1 6. (Canceled)
- 1 7. (Canceled)
- 1 8. (Canceled)
- 1 9. (Canceled)
- 1 10. (Canceled)
- 1 11. (Canceled)
- 1 12. (Canceled)
- 1 13. (Canceled)
- 1 14. (Canceled)
- 1 15. (Canceled)
- 1 16. (Canceled)
- 1 17. (Canceled)
- 1 18. (Canceled)
- 1 19. (Canceled)
- 1 20. (Canceled)
- 1 21. (Canceled)
- 1 22. (Canceled)
- 1 23. (Canceled)
- 1 24. (Canceled)
- 1 25. (Canceled)
- 1 26. (Canceled)
- 1 27. (Canceled)

1

DRAFT

Serial No. 09/677,061

1 28. (Currently amended) A system comprising:
2 at least one host bus master operable to utilize a first communications
3 protocol for communicating over a parent bus; and
4 at least two LIP bridge devices, each LIP bridge device including,
5 a first transceiver coupled to said host bus master over said parent
6 bus, said host bus master utilizing said first communications protocol;
7 a second transceiver coupled to target devices over a child bus,
8 said target devices utilizing a second communications protocol, said first
9 communications protocol having a bridge device address field for
10 addressing said bridge devices and a target device address field for
11 addressing said target devices coupled to said child bus;
12 said at least two LIP bridge devices being coupled to said parent bus and
13 said child bus, each of said at least two LIP bridge devices being partnered to the
14 other LIP bridge device, said host bus master being operable to use said at least
15 two LIP bridge devices to determine if transactions through a particular LIP
16 bridge are corrupted, and said host bus master being operable to cross check
17 data provided by said partnered LIP bridges to verify integrity of data received
18 from said target devices.

1 29. (Currently amended) The system of claim 28, said at least two LIP
2 bridge devices being operable to transmit messages between said host bus
3 master and said target devices, each of said at least two LIP bridge devices
4 being adapted to use partnering signals to reset ~~and disable~~ the other LIP bridge
5 device to isolate faults.

1 30. (Previously presented) The system of claim 29, wherein said host bus
2 master is operable to hold a failed interconnected LIP bridge in a reset state in
3 which said failed interconnected LIP bridge is electrically removed from said child
4 bus.

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1 31. (Previously presented) The system of claim 30, wherein said host bus
2 master clears errors in said failed interconnected LIP bridge with reset
3 commands.

1 32. (Previously presented) The system of claim 31, wherein said host bus
2 master is operable to access any target device on said child bus via any LIP
3 bridge device connected to said parent bus and said child bus.

1 33. (Canceled)

1 34. (New) The system of claim 32, wherein said host bus master
2 performs every child bus read operation on said at least two LIP bridge devices
3 to ensure data integrity.

1 35. (New) The system of claim 34, wherein each of said at least two LIP
2 bridge devices are adapted to use partnering signals to disable the other LIP
3 bridge device to isolate faults.